

ABSTRACT

A gasdynamic bearing motor is provided that is capable of setting a bearing radius to a large value to obtain a sufficient radial stiffness, and preventing lock of the bearing and scattering of wear powder outside the bearing. An annular groove 11 is provided on a lower end surface 87 of a hub 3 to thereby enable a deformation of an inner circumferential surface 82 of the hub 3 when recording disks 9 are loaded on the hub 3 to be suppressed to a small value, thereby enabling partial contact in the radial bearing to be suppressed and lock of the bearing to be prevented. Further, a protrusion 12 is provided on a base 7 in a circumferential direction and fitted in the annular groove 11 to construct a labyrinth seal, thereby enabling scattering of wear powder generated on bearing surfaces outside the bearing to be prevented.